**INFO-3111 Summer 2023 – Checkpoint #4**

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| **Due:** At the start of class, **12:00 PM (noon), Thursday, May 18th, 2023** |
| **Submit:** Your screenshot to the submission folder in FOL |
| **Worth/weight/mark value:** approximately 1%  (There will be up to 12 checkpoints, *all together worth 10%*, and the lowest two marks (including marks of zero/no submissions) being dropped (not included in your mark). |

Using the keyboard, make a basic editor for your “scene”:

* There needs to be a text file (human readable) that holds the model type, position, rotation, etc.
* You need to save and load this file. So if you edited the file, and loaded it, it would show a different or changed scene.
* Add keyboard controls to select individual meshes (in the scene) and other keyboard controls to update:
  + Position
  + Orientation
  + Scale

Submit a short **video** showing:

* Visual Studio running with your code.
* Somewhere on the screen it should have your name and student number.
* The program starting and showing the model.
* Move the camera around the scene, showing your masterpiece.